

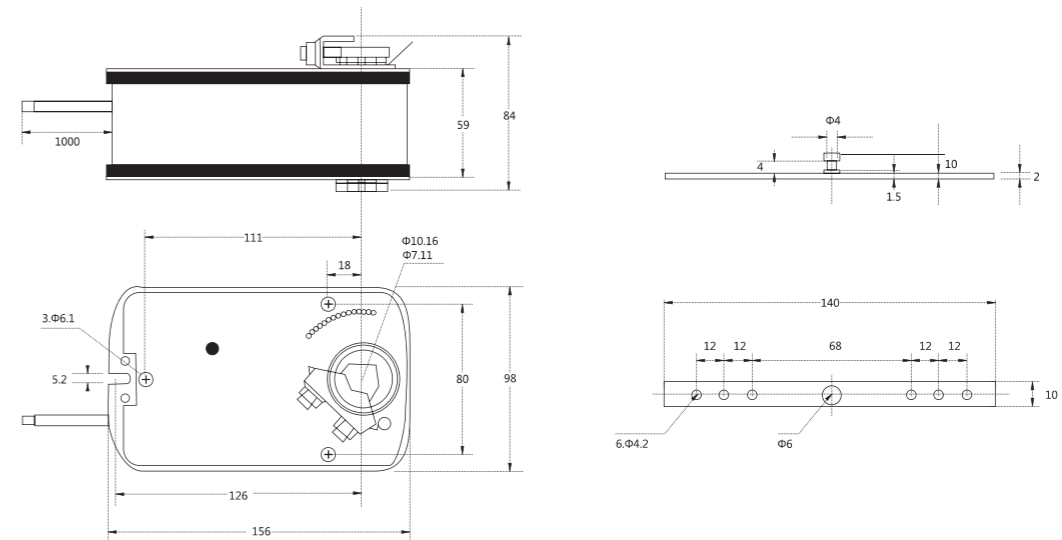
Fast Running
Spring-Return Damper Actuator
5Nm
ON/OFF, 2-Point

LFT5.SRQ24.DS/DST
LFT5.SRQ230.DS/DST

For operation of air control dampers in HVAC systems.
Torque: 5Nm
Nominal voltage: AC/DC24V, AC100-240V
Control: ON/OFF, 2-Point
-DST type includes SAF72 Thermal Sensor
-CE Certified



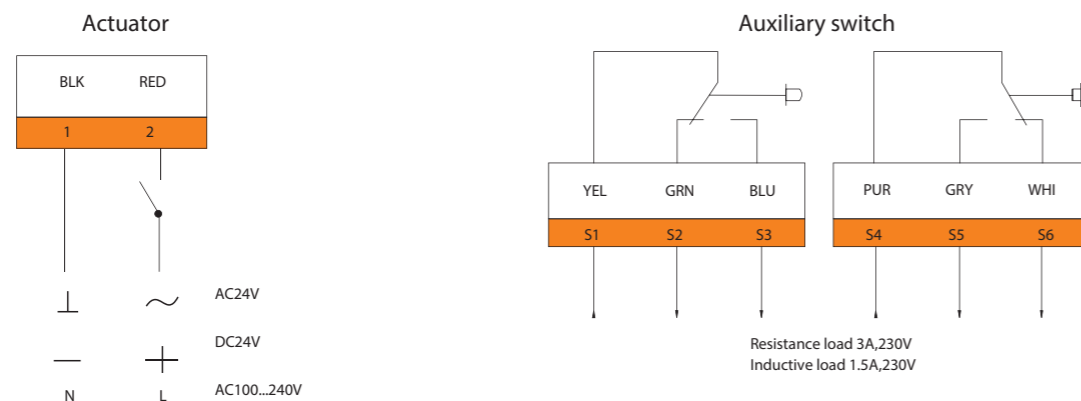
Actuator Dimensions(mm)



Model Selection Table

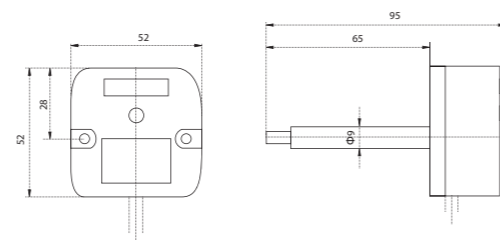
Torque	Running Time	Power Supply	Auxiliary Switch	Model/Type
5Nm	20-30S	24VAC/DC	2-SPDT	LFT5.SRQ24.DS
5Nm	20-30S	24VAC/DC	2-SPDT	LFT5.SRQ24.DST
5Nm	20-30S	100-240VAC	2-SPDT	LFT5.SRQ230.DS
5Nm	20-30S	100-240VAC	2-SPDT	LFT5.SRQ230.DST

Wiring Diagram



Thermal Sensor SAF72

Thermal Sensor SAF72 Consist of both Ambient(TS1) and Duct sensor(TS2). TS1 will trip open when the ambient temperature rise above 72°. TS2 will trip open when the duct temperature rise above 72°.



Technical specification

		LFT5.SRQ24.DS/DST	LFT5.SRQ230.DS/DST
Electrical data	Nominal voltage	AC/DC 24V 50/60Hz	AC100-240V 50/60Hz
	Nominal voltage range	AC/DC 19.2...28.8V	AC85...265V
	Power consumption	5W@Nominal torque/3W@holding	
	Wire sizing	0.5m ²	
Function data	Torque	5Nm	
	Damper size	1m ²	
	Direction of rotation	Selected by mounting L/R	
	Manual override	None	
	Angle of rotation	Max 95°, adjustable by mechanical stop	
	Running time	20-30S(Spring reset)	
	Sound power level	< 45dB	
	Position indication	Mechanical	
Working conditions	Protection class	III (safety low voltage)	II (totally insulated)
	Protection level	IP54	
	Ambient temperature	-20...+50°C/IEC 721-3-3	
	Inventory temperature	-30...+80°C/IEC 721-3-2	
Humidity test	95%RH, non condensing(EN60730-1)		
Dimensions Weight	Dimensions (LxWxH)	See "Dimensions"	
	Shaft length	> 50mm	
	Shaft diameter	10...16mm □ 7x7 □ 11x11mm	
	Weight	< 1.9kg	